AUTHOR INDEX

AIUTI, F., *see* PAGANELLI, R.

AIUTI, F., *see* PANDOLFI, F.

ALKNER, U., HANSSON, U.B. & LINDSTROM, F.D. Factors affecting IgA related hyperviscosity, 617

ALSPAUGH, M.A., ROSENSTOCK, D., BIUNDO, J.J. & GUPTA, R.C. Correlation of antibody to rheumatoid arthritis associated nuclear antigen and immune complexes to disease activity in patients with rheumatoid arthritis, 278

AMOS, N., *see* SCHIFFERLI, J.A.

ANDRE-UKENA, S. ST., *see* BEEKEN, W.L.

ARMSTRONG, S.S., *see* HORNE, C.H.W.

ARNEBORN, P., BIBERFELD, G., FORSGREN, M. & VON STEDINGK, L.V. Specific and non-specific B cell activation in measles and varicella, 165

ASANO, S., *see* NAKAYAMA, E.

ASLAN, S., *see* HUGHES, R.A.C.

ASSAN, R., *see* DEBRAY-SACHS, M.

ASTALDI, A., *see* VAN DE GRIEND, R.J.

BADGER, A.M., YOUNG, J. & POSTE, G. Inhibition of phytohaemagglutinin-induced proliferation of human peripheral blood lymphocytes by histamine and histamine H_1 and H_2 agonists, 178

BAHNA, S.L., HEINER, D.C. & MYHRE, B.A. Changes in serum IgD in cigarette smokers, 624

BARGELLESI, A., *see* PANDOLFI, F.

BARNET, M., *see* MAIRE, M.A.

BARZILAY, H., *see* ZAN-BAR, I.

BEALS, T.F., *see* SCHULTZ, J.

BEEKEN, W.L., MACPHERSON, B.R., GUNDEL, R.M., ANDRE-UKENA, S.ST., WOOD, S.G. & SYLWESTER, D.L. Depressed spontaneous cell-mediated cytotoxicity in Crohn's disease, 351

BEIJER, L., *see* HOLT, P.G.

BERTANI, T., REMUZZI, G., POGGI, A., DELAINI, F., SACCHI, C., MORASSI, L., VERROUST, P., MECCA, G. & DONATI, M.B. Severe glomerular epithelial cell damage does not prevent passive Heyman nephritis in rats, 38

BEVERLEY, P.C.L., *see* LINCH, D.C.

BEVERLEY, P.C.L., *see* PAGANELLI, R.

BHUTANI, L.K., *see* NARAYANAN, R.B.

BIBERFELD, G., *see* ARNEBORN, P.

BIEWENGA, J. & VAN LOGHEM, E. IgA1 half molecules in human multiple myeloma and the *in vitro* production of similar fragments from intact IgA1 molecules, 395

BINNS, R.M., *see* PABST, R.

BIUNDO, J.J., *see* ALSPAUGH, M.A.

BLOMGREN, H., *see* EINHORN, S.

BOCCADORO, M., *see* CARMAGNOLA, A.L.

BOERRIGTER, G.H., *see* SCHEPER, R.J.

BOITARD, C., *see* DEBRAY-SACHS, M.

BOURNE, J.T., RATNOR, W.J. & VERRIER JONES, J. Studies of mononuclear phagocyte function in the rat. I. Saturation and recovery following intravenous administration of soluble human serum albumin (HSA)–anti-HSA complexes, 69

BOXER, L.A., *see* RODER, J.C.

BRETHERTON, L., BROWN, C., PEDERSEN, J.S., TOH, B.H., CLARKE, F.M., MACKAY, I.R. & GUST, I.D. ELISA assay for IgG autoantibody to G-actin: comparison of chronic active hepatitis and acute viral hepatitis, 611

BRÖCKER, E.B., *see* POPPEMA, S.

BROWN, C., *see* BRETHERTON, L.

BROWN, D.L., *see* HARKISS, G.D.

BRUYNZELL, D., *see* SCHEPER, R.J.

BRYCESON, A.D.M., *see* HO, M.

BUCHANAN, R.R.C., VENABLES, P.J.W., MORGAN, A., STAINES, N.A., SMITH, P.R. & MAINI, R.N. Separation of two molecular species of the Sm antigen by affinity chromatography with murine monoclonal and human anti-nuclear autoantibodies, 8

BURNETT, A.K., *see* SINGER, C.R.J.

CAMERON, K.J., *see* TURNER, K.J.

CARMAGNOLA, A.L. BOCCADORO, M., MASSAIA, M. & PILERI, A. The idiotypic specificities of lymphocytes in human monoclonal gammopathies: analysis with the fluorescence activated cell sorter, 173

CARSON, D., *see* WELCH, M.J.

CARPENTIER, N., *see* MAIRE, M.A.

CHAKRABARTY, A.K., MAIRE, M., SAHA, K. & LAMBERT, P.-H. Identification of components of IC purified from human sera. II. Demonstration of mycobacterial antigens in immune complexes isolated from sera of lepromatous patients, 225

CHANDRA, R.K. Numerical and functional deficiency in T helper cells in protein energy malnutrition, 126

CHAPLIN, H., MONROE, M.C. & LACHMANN, P.J. Further studies on the C3g component of the α2D fragment of human C3, 639

CLARKE, F.M., *see* BRETHERTON, L.

CLARKE, F.M., *see* ROLFE, B.E.

COOK, R.D., *see* SABHARWAL, U.K.

CORTE, G., *see* PANDOLFI, F.

CROWTHER, D. & WAGSTAFF, J. Lymphocyte migration in malignant disease, 413

CURD, J.G., *see* SABHARWAL, U.K.

DAVIDSOHN, J., *see* PASSWELL, J.

DEAN, R.T. & VIRELIZIER, J.-L. Inteferon as a macrophage activating factor. I. Enhancement of cytotoxicity by fresh and matured human monocytes in the absence of other soluble signals, 501

DEBRAY-SACHS, M., SAÏ, P., BOITARD, C., ASSAN, R. & HAMBURGER, J. Anti-pancreatic immunity in genetically diabetic mice, 1

DE GRAEFF, P.A., *see* VAN DER WOUDE, F.J.

DELAINI, F., *see* BERTANI, T.

DE LIEJ, L., *see* POPPEMA, S.

DEMJÁN, I., *see* KÁVAI, M.

DE MONCHY, J., *see* VAN DER WOUDE, F.J.

DEMOTT-FRIBERG, R., *see* SCHULTZ, J.

DEVOS, R., *see* DUPONT, E.

DIESSELHOF DEN DULK, M.M.C., *see* VAN FURTH, R.

DOCKRELL, H.M., *see* LELCHUK, R.

DONACHIE, A.M., *see* WAKELIN, D.

DONATI, M.B., *see* BERTANI, T.

DONNADIEU, M.H., *see* KLEIN, B.

DUKE, O., *see* POULTER, L.W.

DUPONT, E., SCHANDENE, L., DEVOS, R., LAMBERMONT, M. & WYBRAN, J. Depletion of lymphocytes with membrane markers of helper phenotype: a feature of actue and chronic drug-induced immunosuppression, 345

EINHORN, N., *see* EINHORN, S.
EINHORN, S., BLOMGREN, H., EINHORN, N. & STRANDER, H. *In vitro* and *in vivo* effects of interferon on the response of human lymphocytes to mitogens, 369
ENDOH, H., *see* TOMINO, Y.
ENGESET, A., *see* GRAZELAK, I.
EZINE, S., PAPIERNIK, M., RIEGER, F. & PINÇON-RAYMOND, M. Modification of helper and suppressor/cytotoxic lymphocyte subsets in mice with motor end-plate disease, 475

FAUCI, A.S., *see* RODER, J.C.
FIORILLI, M., *see* PANDOLFI, F.
FONG, S., *see* SABHARWAL, U.K.
FONG, S., *see* WELCH, M.J.
FORD, P.M. & KOSATKA, I. *In situ* immune complex formation in the mouse glomerulus: reactivity with human IgM rheumatoid factor and the effect on subsequent immune complex deposition, 285
FOROOZANFAR, N., LUCAS, C.F., JOSS, D.V., HUGH-JONES, K. & HOBBS, J.R. Ascorbate (1g/day) does not help the phagocyte killing defect of X-linked chronic granulomatosus disease, 99
FORSGREN, M., *see* ARNEBORN, P.
FRIELIGSDORF, A., *see* PANDOLFI, F.
FUKUMORI, J., *see* MATSUYAMA, T.

GAARDER, P.I. & HEIER, H.E. A human autoantibody to renal collecting duct cells associated with thyroid and gastric autoimmunity and possibly renal tubular acidosis, 29
GALLAGHER, J., *see* VOSE, B.M.
GANCZAKOWSKI, M., *see* STAITE, N.D.
GARAGNANI, M., *see* MELICONI, R.
GARRY, P.J., *see* GOODWIN, J.S.
GASBARRINI, G., *see* MELICONI, R.
GERSHON, R.K., *see* SMITH, H.R.
GILBREATH, M.J., PAVANAND, K., MACDERMOTT, R.P., WELLS, R.A. & USSERY, M.A. Characterization of cold reactive lymphocytotoxic antibodies in malaria, 232
GINNS, L.C., *see* MILLER, L.G.
GOODWIN, J.S. & GARRY, P.J. Relationship between megadose vitamin supplementation and immunological function in a healthy elderly population, 647
GRAY, I.A., *see* HUGHES, R.A.C.
GRAZELAK, I., OLSZEWSKI, W.I. & ENGESET, A. Suppressor cell activity in peripheral blood in cancer patients after surgery, 149
GREEN, D.R., *see* SMITH, H.R.
GUNDEL, R.M., *see* BEEKEN, W.L.
GUPTA, R.C., *see* ALSPAUGH, M.A.
GUST I.D., *see* BRETHERTON, L.

HAAHR, S., MØLLER-LARSEN, A. & PEDERSEN, S. Immunoglocial parameters in multiple sclerosis patients with special reference to the herpes virus group, 197
HALIOTIS, T., *see* RODER, J.C.
HAMBLIN, T.J., *see* MALLYA, R.K.
HAMBURGER, J., *see* DEBRAY-SACHS, M.
HAMILTON, E.B.D., *see* MALLYA, R.K.
HAMMARSTROM, L. & SMITH, C.I.E. IgG2 deficiency in a healthy blood donor. Concomitant lack of IgG2, IgA and IgE immunoglobulins and specific anti-carbohydrate antibodies, 600
HANSSON, U.B., *see* ACKNER, U.
HARDING, M., *see* VOSE, B.M.
HARKISS, G.D., BROWN, D.L., SMITH, D.J. & NAGINTON, J. Antibody moieties within circulating immune complexes in heart transplant recipients, 21
HARTE, P.G. & PLAYFAIR, J.H.L. Failure of malaria vaccination in mice born to immune mothers. II. Induction of specific suppressor cells by maternal IgG, 157
HEIER, H.E., *see* GAARDER, P.I.
HEINER, D.C., *see* BAHNA, S.L.
HELFAND, S.L., *see* RODER, J.C.
HIGAKI, K., *see* KAWATA, M.
HO, M., KOECH, D.K., IHA, D.W. & BRYCESON, A.D.M. Immunosuppression in Kenyan visceral leishmaniasis, 207
HOBBS, J.R., *see* FOROOZANFAR, N.
HOBBS, S., *see* POULTER, L.W.
HOCH, S., *see* SABHARWAL, U.K.
HOEDEMAEKER, PH.J., *see* VAN DER WONDE, F.J.
HOFMAN, F.M., *see* MODLIN, R.L.
HOLMDAHL, R., *see* KLARESKOG, L.
HOLT, B.J., *see* HOLT, P.G.
HOLT, B.J., *see* TURNER, K.J.
HOLT, P.G., HOLT, B.J., BEIJER, L. & RYLANDER, R. Platelet serotonin release by human polymorphonuclear leucocytes stimulated by cotton dust bacteria. 185
HOLT, P.G., *see* TURNER, K.J.
HORNE, C.H.W., ARMSTRONG, S.S., THOMSON, A.W. & THOMPSON, W.D. Detection of pregnancy associated α_2-glycoprotein (α_2-PAG), an immunosuppressive agent, in IgA producing plasma cells and in body secretions, 631
HUGHES, R.A.C., ASLAN, S. & GRAY, I.A. Lymphocyte subpopulations and suppressor cell activity in actue polyradiculoneuritis (Guillain-Barré syndrome), 448
HUGH-JONES, K., *see* FOROOZANFAR, N.
HUSBY, G., *see* ØSTENSEN, M.

IHA, D.W., *see* HO, M.
INMAN, R.D., *see* KIMBERLY, R.P.
ITO, S., SHINOMIYA, K. & MIKAWA, H. Suppressive effect of IgE soluble immune complexes or neutrophil chemotaxis, 407

JAMES, K., *see* RITCHIE, A.W.S.
JANOSSY, G., *see* POULTER, L.W.
JOFFE, M., *see* SHER, R.
JONES, B.M. B cell activation by pokeweed mitogen in cultures of normal peripheral blood lymphocytes depleted of T regulator subsets by treatment with OKT4 and OKT8 monoclonal antibodies, 461
JOSS, D.V., *see* FOROOZANFAR, N.
JOURDAN, M., *see* KLEIN, B.

KANESHIGE, H., *see* TOMINO, Y.
KANTOR, F.S., *see* PACHNER, A.R.
KÁVAI, M., ZSINDELY, A., SONKOLY, I., MAJOR, M., DEMJÁN, I. & SZEGEDI, GY. Signals of monocyte activation in patients with SLE, 255
KAWATA, M., HIGAKI, K., SEKIYA, S., TAKAMIZAWA, H., MURAMATSU, T. & OKUMURA, K. Antibodies to large glycopeptides in sera from patients with ovarian germ cell tumours, 401
KIMBERLY, R.P., PARRIS, T.M., INMAN, R.D. & MCDOUGAL, J.S. Dynamics of mononuclear phagocyte system Fc receptor function in systemic lupus erythematosus. Relation to disease activity and circulating immune complexes, 261
KLARESKOG, L., HOLMDAHL, R., LARSSON, E. & WIGZELL, H. Role of T lymphocytes in collagen II induced arthritis in rats, 117
KLEIN, B., REY, A., JOURDAN, M., DONNADIEU, M.H. & SERROU, B. Modulation of PHA-induced T colony formation by phorbol myristic acetate, 375
KOECH, D.K., *see* HO, M.
KOSATKA, I., *see* FORD, P.M.
KRAMPS, J.A., *see* VAN FURTH, R.

LACHMANN, P.J., *see* CHAPLIN, H.
LAMBERMONT, M., *see* DUPONT, E.
LAMBERT, P.-H., *see* CHAKRABARTY, A.K.
LAMBERT, P.-H. *see* MAIRE, M.A.
LARSSON, E., *see* KLARESKOG, L.
LELCHUK, R., DOCKRELL, H.M. & PLAYFAIR, J.H.L. T-independent macrophage changes in murine malaria, 487
LEVANON, M., *see* PASSWELL, J.
LEVINSKY, R.J., *see* PAGANELLI, R.
LICENCE, S.T., *see* PABST, R.
LINCH, D.C., BEVERLEY, P.C.L., NEWLAND, A. & TURNBULL, A. Treatment of a low grade T cell proliferation with monoclonal antibody, 133
LINDSTROM, F.D., *see* ALKNER, U.
LUCAS, C.F., *see* FOROOZANFAR, N.

MACDERMOTT, R.P., *see* GILBREATH, M.J.
MCDOUGAL, J.S., *see* KIMBERLY, R.P.
MACE, B.E.W., *see* MALLYA, R.K.
MACHER, E., *see* POPPEMA, S.
MACKAY, I.R., *see* BRETHERTON, L.
MACPHERSON, B.R., *see* BEEKEN, W.L.
MAINI, R.N., *see* BUCHANAN, R.R.C.
MAIRE, M.A., BARNET, M., CARPENTIER, N., MIESCHER, P.A. & LAMBERT, P.-H. Identification of components of K purified from human sera. I. Immune complexes purified from sera of patients with SLE, 215
MAIRE, M.A., *see* CHAKRABARTY, A.K.
MAIZELS, R.M., PARTONO, F., OEMIJATI, S. & OGILVIE, B.M. Antigenic analysis of *Brugia Timori*, a filarial nematode of man; initial characterization by surface radioiodination and evaluation of diagnostic potential, 269
MAJOR, M., *see* KÁVAI, M.
MALLYA, R.K., YOUNG, B.J.J., PEPYS, M.B., HAMBLIN, T.J., MACE, B.E.W. & HAMILTON, E.B.D. Anti-keratin antibodies in rheumatoid arthritis: frequency and correlation with other features of the disease, 17
MASSAIA, M., *see* CARMAGNOLA, A.L.
MATSUYAMA, T., FUKUMORI, J. & TANAKA, H. Evidence of unique idiotypic determinants and similar idiotypic determinants on human anti-thyroglobulin antibodies, 381
MECCA, G., *see* BERTANI, T.
MELICONI, R., VALERIA STANCARI, M., GARAGNANI, M., BARALDINI, M., STEFANINI, G.F., MIGLIO, F. & GASBARRINI, G. Occurrence and significance of IgG liver membrane autoantibodies (LMA) in chronic liver diseases of different aetiology, 565
MEYER, P.R., *see* MODLIN, R.L.
MICKLEM, H.S., *see* RITCHIE, A.W.S.
MIESCHER, P.A., *see* MAIRE, M.A.
MIGLIO, F., *see* MELICONI, R.
MIKAWA, H., *see* ITO, S.
MILLER, L.G., SPARROW, D. & GINNS, L.C. Asbestos exposure correlates with alterations in circulating T cell subsets, 110
MITCHELL, W.S., *see* NAAMA, J.K.
MIURA, M., *see* TOMINO, Y.
MIWA, S., *see* NAKAYAMA, E.
MODLIN, R.L., HOFMAN, F.M., MEYER, P.R., SHARMA, O.P., TAYLOR, C.R. & REA, T.H. *In situ* demonstration of T lymphocyte subsets in granulomatous inflammation: leprosy, rhinoscleroma and sarcoidosis, 430
MØLLER-LARSEN, A., *see* HAAHR, S.
MONROE, M.C., *see* CHAPLIN, H.
MOORE, M., *see* VOSE, B.M.
MORASSI, L., *see* BERTANI, T.
MORGAN, A., *see* BUCHANAN, R.R.C.
MØRLAND, B., *see* ØSTENSEN, M.
MORTON, H., *see* ROLFE, B.E.
MOSCOVITCH, M., *see* ZAN-BAR, I.
MUNKER, R., STÜNKEL, K., THIEL, E. & THIERFELDER, S. Analysis with monoclonal antibodies of human lymphoid cells forming rosettes with rabbit red blood cells, 479
MURAMATSU, T., *see* KAWATA, M.
MYHRE, B.A., *see* BAHNA, S.L.

NAAMA, J.K., MITCHELL, W.S., ZOMA, A., VEITCH, J. & WHALEY, K. Complement-mediated inhibition of immune precipitation in patients with immune complex diseases, 292
NAGINTON, J., *see* HARKISS, G.D.
NAKAYAMA, E., ASANO, S., TAKUWA, N., YOKOTA, J. & MIWA, S. Decreased TCGF activity in the culture medium of PHA stimulated peripheral mononuclear cells from patients with metastatic cancer, 511
NANDA, S., *see* PHADKE, K.
NARAYANAN, R.B., BHUTANI, L.K., SHARMA, A.K. & NATH, I. T cell subsets in leprosy lesions: *in situ* characterization using monoclonal antibodies, 421
NATH, I., *see* NARAYANAN, R.B.
NATORI, Y. & SHIBATA, S. Enzyme linked immunosorbent assay for Heymann's antigen as a contaminating minor component in nephritogenic glycopeptide, nephritogenoside, 595
NEWLAND, A., *see* LINCH, D.C.
NOMOTO, Y., *see* TOMINO, Y.

OEMIJATI, S., *see* MAIZELS, R.M.

OGILVIE, B.M., *see* MAIZELS, R.M.
OKUMURA, K., *see* KAWATA, M.
OLSZEWSKI, W.L., *see* GRAZELAK, I.
ØSTENSEN, M., MØRLAND, B. & HUSBY, G. Stimulation of murine macrophage cathepsin B by serum from patients with rheumatoid arthritis: an indicator of disease activity, 103

PABST, R., LICENCE, S.T. & BINNS, R.M. Classification of newly formed and migrating splenic lymphocytes, 333
PACHNER, A.R. & KANTOR, F.S. The relation of clinical disease to antibody titre, proliferative response and neurophysiology in murine experimental autoimmune myasthenia gravis, 543
PAGANELLI, R., AIUTI, F., BEVERLEY, P.C.L. & LEVINSKY, R.J. Impaired production of interleukins in patients with cell-mediated immunodeficiencies, 338
PANAYI, G., *see* POULTER, L.W.
PANAYI, G.S., *see* STAITE, N.D.
PANDOLFI, F., CORTE, G., QUINTI, I., FIORILLI, M., FRIELIGSDORF, A., BARGELLESI, A. & AIUTI, F. Defect of T helper lymphocytes, as identified by the 5/9 monoclonal antibody, in patients with common variable hypogammaglobulinaemia, 470
PAPIERNIK, M., *see* EZINE, S.
PARRIS, T.M., *see* KIMBERLY, R.P.
PARTONO, F., *see* MAIZELS, R.M.
PASSWELL, J., LEVANON, M., DAVIDSOHN, J. & RAMOT, B. Monocyte PGE_2 secretion in Hodgkin's disease and its relation to decreased cellular immunity, 61
PASTORE, R., *see* PINI, C.
PAVANAND, K., *see* GILBREATH, M.J.
PEDERSEN, E., *see* HAAHR, S.
PEDERSEN, J.S., *see* BRETHERTON, L.
PENNY, R., *see* WAKEFIELD, D.
PEPYS, M.B., *see* MALLYA, R.K.
PETERS, D.K., *see* SCHIFFERLI, J.A.
PHADKE, K. & NANDA, S. Secretion of chondrocyte stimulating factor by macrophages on a result of activation with collagen and proteoglycans, 494
PILERI, A., *see* CARMAGNOLA, A.L.
PINCHING, A. Inhibition of complement-dependent phagocytosis by monocytes following pre-incubation with immune complexes and interaction with plasma, 83
PINÇON-RAYMOND, M., *see* EZINE, S.
PINI, C., PASTORE, R. & VALESINI, G. Circulating complexes in sera of patients infected with *Echinococcus granulosus*, 572
PLAYFAIR, J.H.L., *see* HARTE, P.G.
PLAYFAIR, J.H.L., *see* LELCHUK, R.
POGGI, A., *see* BERTANI, T.
POPPEMA, S., BRÖCKER, E.B., DE LEIJ, L., TERBRACK, D., VISSCHER, T., TER HAAR, A., MACHER, E., THÉ, T.H. & SORG, C. *In situ* analysis of the mononuclear cell infiltrate in primary malignant melanoma of the skin, 78
POSTE, G., *see* BADGER, A.M.
POULTER, L.W., DUKE, O., HOBBS, S., JANOSSY, G., PANAYI, G. & SEYMOUR, G. The involvement of interdigitating (antigen-presenting) cells in the pathogenesis of rheumatoid arthritis, 247
PROSS, H.F., *see* RODER, J.C.
PUSEY, C.D., *see* SCHIFFERLI, J.A.

QUINTI, I., *see* PANDOLFI, F.

RAJKOVIC, I.A., *see* WYKE, R.J.
RAMOT, B., *see* PASSWELL, J.
RATNOR, W.J., *see* BOURNE, J.T.
RAVECHE, E.S., *see* SMITH, H.R.
REA, T.H., *see* MODLIN, R.L.
REMUZZI, G., *see* BERTANI, T.
REY, A., *see* KLEIN, B.
RIEGER, M., *see* EZINE, S.
RITCHIE, A.W.S., JAMES, K. & MICKLEM, H.S. The distribution and possible significance of cells identified in human lymphoid tissue by the monoclonal antibody HNK-1, 439
RODER, J.C., TODD, R.F., RUBIN, P., HALIOTIS, T., HELFAND, S.L., WERKMEISTER, J., PROSS, H.F., BOXER, L.A., SCHLOSSMAN, S.F. & FAUCI, A.S. The Chediak-Higashi gene in humans. III. Studies on the mechanisms of NK impairment, 359
ROLFE, B.E., MORTON, H. & CLARKE, F.M. Early pregnancy factor is an immunosuppressive contaminant of commerical preparations of human chorionic gonadotrophin, 45
ROOS, D., *see* VAN DE GRIEND, R.J.
ROSENSTOCK, D., *see* ALSPAUGH, M.A.
RUBIN, P., *see* RODER, J.C.
RYLANDER, R., *see* HOLT, P.G.

SABHARWAL, U.K., FONG, S., HOCH, S., COOK, R.D. VAUGHAN, J.H. & CURD, J.G. Complement activation by antibodies to Sm in systemic lupus erythematosus, 317
SACCHI, C., *see* BERTANI, T.
SAHA, K., *see* CHAKRABARTY, A.K.
SAÏ, P., *see* DEBRAY-SACHS, M.
SAKAI, H., *see* TOMINO, Y.
SCHANDENE, L., *see* DUPONT, E.
SCHEPER, R.J., VON BLOMBERG, M., BOERRIGTER, G.H., BRUYNZELL, D., VAN DINTHER, A. & VOS, A. Induction of immunoglobial memory in the skin. Role of local T cell retention, 141
SCHIFFERLI, J.A., AMOS, N., PUSEY, C.D., SISSONS, J.G.P. & PETERS, D.K. Metabolism of IgG in type II mixed essential cryoglulinaemia—autologus cryoprecipitated and normal homologous IgG are incorporated into complexes and metabolized *in vivo* at similar rates, 305
SCHLOSSMAN, S.F., *see* RODER, J.C.
SCHULTZ, J., DEMOTT-FRIBERG, R., WALKER, S. & BEALS, T.F. Tissue graft rejection in murine models of autoimmune disease, 325
SEKIYA, S., *see* KAWATA, M.
SERROU, B., *see* KLEIN, B.
SEYMOUR, G., *see* POULTER, L.W.
SHARMA, A.K., *see* NARAYANAN, R.B.
SHARMA, O.P., *see* MODLIN, R.L.
SHER, R., WADEE, A. & JOFFE, M. The enhancement of eosinophil function by lumphocyte supernatants, 525
SHIBATA, S., *see* NATORI, Y.
SHINOMIYA, K., *see* ITO, S.
SINGER, C.R.J., TANSEY, P.J. & BURNETT, A.K. T

lymphocyte recostitution following autologous bone marrow transplantation, 455
SISSONS, J.G.P., *see* SCHIFFERLI, J.A.
SLAVIN, S., *see* ZAN-BAR, I.
SMATHERS, P.A., *see* SMITH, H.R.
SMITH, C.I.E., *see* HAMMARSTROM, L.
SMITH, D.J., *see* HARKISS, G.D.
SMITH, H.R., GREEN, D.R., SMATHERS, P.A., GERSHON, R.K., RAVECHE, E.S. & STEINBERG, A.D. Induction of autoimmunity in normal mice by thymectomy and administration of polyclonal B cell activators: association with contrasuppressor function, 579
SMITH, P.R., *see* BUCHANAN, R.R.C.
SONKOLY, I., *see* KÁVAI, M.
SORG, C., *see* POPPEMA, S.
SPARROW, D., *see* MILLER, L.G.
STAINES, N.A., *see* BUCHANAN, R.R.C.
STAITE, N.D., GANCZAKOWSKI, M., PANAYI, G.S. & UNGER, A. Prostaglandin-mediated immunoregulation: reduced sensitivity of *in vitro* immunoglobulin production to indomethacin in rheumatoid arthritis, 535
STEFANINI, G.F., *see* MELICONI, R.
STEINBERG, A.D., *see* SMITH, H.R.
STRANDER, H., *see* EINHORN, S.
STÜNKEL, K., *see* MUNKER, R.
SUGA, T., *see* TOMINO, Y.
SYLWESTER, D.L., *see* BEEKEN, W.L.
SZEGEDI, GY., *see* KÁVAI, M.

TAKAMIZAWA, H., *see* KAWATA, M.
TAKUWA, N., *see* NAKAYAMA, E.
TANAKA, H., *see* MATSUYAMA, T.
TANSEY, P.J., *see* SINGER, C.R.J.
TAYLOR, C.R., *see* MODLIN, R.L.
TERBRACK, D., *see* POPPEMA, S.
TER HAAR, A., *see* POPPEMA, S.
THE, T.H., *see* POPPEMA, S.
THE, T.H., *see* VAN DER WOUDE, F.J.
THIEL, E., *see* MUNKER, R.
THIERFELDER, S., *see* MUNKER, R.
THOMPSON, W.D., *see* HORNE, C.H.W.
THOMSON, A.W., *see* HORNE, C.H.W.
TOH, B.H., *see* BRETHERTON, L.
TOMINO, Y., SAKAI, H., ENDOH, M., SUGA, T., MIURA, M., KANESHIGE, H. & NOMOTO, Y. Cross-reactivity of IgA antibodies between renal mesangial areas and nuclei of tonsillar cells in patients with IgA nephropathy, 605
TURNBULL, A., *see* LINCH, D.C.
TODD, R.F., *see* RODER, J.C.
TURNER, K.J., HOLT, P.G., HOLT, B.J. & CAMERON, K.J. *In vitro* synthesis of IgE by human peripheral blood leucocytes. III. Release of pre-formed antibody, 387

UNGER, A., *see* STAITE, N.D.
USSERY, M.A., *see* GILBREATH, M.J.

VALERIA STANCARI, M., *see* MELICONI, R.
VALESINI, G., *see* PINI, C.
VAN DER GIESSEN, M., *see* VAN DER WOUDE, F.J.
VAN DE GRIEND, R.J., ASTALDI, A., WIJERMANS, P., VAN DOORN, R. & ROOS, D. Low β-adrenergic receptor concentration on human thymocytes, 53
VAN DER GIESSEN, M., *see* VAN DER WOUDE, F.J.
VAN DER WOUDE, F.J., HOEDEMAEKER, PH.J., VAN DER GIESSEN, M., DE GRAEFF, P.A., DE MONCHY, J., THE, T.H. & VAN DER HEM, G.K. Do food antigens play a role in the pathogenesis of some causes of human glomerulonephritis? 587
VAN DINTHER, A., *see* SCHEPER, R.J.
VAN DOORN, R., *see* VAN DE GRIEND, R.J.
VAN FURTH, R., KRAMPS, J.A. & DIESSELHOF DEN DULK, M.M.C. Synthesis of α_1-anti-trypsin by human monocytes, 551
VAN LOGHEM, E., *see* BIEWENGA, J.
VAUGHAN, J., *see* WELCH, M.J.
VAUGHAN, J.H., *see* SABHARWAL, U.K.
VEITCH, J., *see* NAAMA, J.K.
VENABLES, P.J.W., *see* BUCHANAN, R.R.C.
VERRIER JONES, J., *see* BOURNE, J.T.
VERROUST, P., *see* BERTANI, T.
VIRELIZIER, J.-L., *see* DEAN, R.T.
VISSCHER, T., *see* POPPEMA, S.
VON BLOMBERG, M., *see* SCHEPER, R.J.
VON STEDINGK, L.V., *see* ARNEBORN, P.
VOS, A., *see* SCHEPER, R.J.
VOSE, B.M., HARDING, M., WHITE, W., MOORE, M. & GALLAGHER, J. Effect of simple sugars on natural killing: evidence against the involvement of a lectin like mechanism in target recognition, 517

WADEE, A., *see* SHER, R.
WAGSTAFF, J. *see* CROWTHER, D.
WAKEFIELD, & PENNY, R. Cell-mediated immune response to chlamydia in anterior uveitis: role of HLA B27, 191
WAKELIN, D. & DONACHIE, A.M. Genetic control of eosinophilia. Mouse strain variation in response to antigens of parasite origin, 239
WALKER, S., *see* SCHULTZ, J.
WELCH, M.J., FONG, S., VAUGHAN, J. & CARSON, D. Increased frequency of rheumatoid factor precursor B lymphocytes after immunization of normal adults with tetanus toxoid, 299
WELLS, R.A., *see* GILBREATH, M.J.
WERKMEISTER, J., *see* RODER, J.C.
WHALEY, K., *see* NAAMA, J.K.
WHITE, W., *see* VOSE, B.M.
WIGZELL, H., *see* KLARESKOG, L.
WIJERMANS, P., *see* VAN DE GRIEND, R.J.
WILLIAMS, R., *see* WYKE, R.J.
WOOD, S.G., *see* BEEKEN, W.L.
WYBRAN, J., *see* DUPONT, E.
WYKE, R.J., RAJKOVIC, I.A. & WILLIAMS, R. Impaired opsonization by serum from patients with chronic liver disease, 91

YOKOTA, J., *see* NAKAYAMA, E.
YOUNG, B.J.J., *see* MALLYA, R.K.
YOUNG, J., *see* BADGER, A.M.

ZAN-BAR, I., BARZILAY, M., MOSCOVITCH, M. & SLAVIN, S. Regulation of the immune response in experimental models of autoimmune disorders; resistance of (NZB × NZW)F_1 mice to tolerance induction *in vivo*, 588
ZOMA, A., *see* NAAMA, J.K.
ZSINDELY, A., *see* KÁVAI, M.

SUBJECT INDEX

α_1-anti-trypsin
  synthesis of, by monocytes, 551
α_2-PAG
  detection of, 631
Affinity chromatography
  separation of Sm antigen by, 8
Anterior uveitis
  immune response to chlamydia in, 191
Antibodies
  characterization of cold reactive lymphocytotoxic forms, 232
  moieties of, in circulating immune complexes, 21
Antibody titre
  relation of, to clinical disease in myasthenia gravis, 543
Anti-keratin antibodies
  presence of, in rheumatoid arthritis, 17
Anti-thyroglobulin antibodies
  unique idiotypic determinants on, 381
Arthritis
  role of T lymphocytes in, 117
Asbestos
  exposure to correlates to altered T cell subsets, 110
Ascobic acid
  affect of, in granulomatosus disease, 99
Autoimmune disease
  tissue graft rejection in models of, 325
Autoimmune disorders
  regulation of immune response in models of, 558
Autoimmunity
  induction of, associated with contrasuppressor function, 579

B cells
  activation of, in measles and varicella, 165
  activation of, in T regulator depleted lymphocytes, 461
β-adrenergic receptors
  low concentration of, on thymocytes, 53
B lymphocytes
  increased frequency of, after tetanus immunization, 299
Body secretions
  detection of α_2-PAG in, 631
Bone marrow transplantation
  T lymphocyte reconstitution after, 455
Brugia timori
  antigenic analysis of, 269

C3
  further studies on C3g & α2D fragments, 639
Cathepsin B
  stimulation of, in rheumatoid arthritis, 103
Cell-mediated cytotoxicity
  depression of, in Crohn's disease, 351
Cell-mediated immune response
  role of HLA B27 in, 191
Cell-mediated immunodeficiencies
  impaired interlukin production in, 338
Chediak-Higashi disease,
  impairment of NK in, 359
Chlamydia
  immune response to in anterior unveitis, 191
Chondrocyte stimulating factor
  secretion of, by macrophages, 494
Chronic liver disease
  impaired opsonization in, 91
  presence of LMA in, 565
Circulating complexes
  presence of, in *Echinococcus granulosus* infection, 572
Circulating immune complexes
  antibody moieties within, 21
  relation of, to SLE activity, 261
Complement
  activation of, in SLE, 317
Contrasuppressor function
  association of with autoimmunity induction, 579
Cotton dust bacteria
  leucocyte serotinin release after stimulation by, 185
Crohn's disease
  depressed cell-mediated cytotoxicity in, 351
Cryoglobulinaemia
  metabolism of IgG in, 305
Cytotoxicity
  enhancement of, by monocytes, 501

Diabetes
  anti-pancreatic immunity in, 1
Disease
  lymphocyte migration in, 413

Early pregnancy factor
  as a contaminant of HCG, 45
Echinococcus granulosus
  circulating complexes in infections of, 572
ELISA
  assay for IgG autoantibody to G-actin, 611
Eosinophilia
  genetic control of, 239
Eosinophils
  enhancement of function of, by lymphocyte supernatants, 525
Epithelial cells
  effect of damage to in Heyman nephritis, 38

Fc receptors
  function of, in SLE, 261
Food antigens
  role of, in glomerulonephritis, 587

G-actin
  ELISA for IgG autoantibody to, 611
Glomerulus
  immune complex formation in, 285
Glomerulonephritis
  role of food antigens in, 587
Granulomatosus disease
  effect of ascorbate in, 99
Guillain-Barré syndrome
  lymphocytes and suppressor cell activity in, 448

HCG
  contaminated by early pregnancy factor, 45
HNK-1
  distribution of cells identified by, 439

Heyman nephritis
non-prevention by epithelial cell damage, 38
Heymann's antigen
nephritogenoside as a contaminant of, 595
Histamine agonists
inhibition of lymphocyte proliferation by, 178
Hodgkin's disease
relation of PGE_2 to cellular immunity in, 61
Hypogammaglobulinaemia
T helper lymphocyte defect in, 470
Hyperviscosity
factors affecting IgA related, 617

IgA
cross-reactivity of, in IgA nephropathy, 605
factors affecting hyperviscosity related to, 617
IgA1
half molecules of, in multiple myeloma, 395
IgD
changes of, in cigarette smoking, 624
IgE
release of, by leucocytes, 387
IgE immune complexes
suppression of neutrophil chemotaxis by, 407
IgG
metabolism of, in type II mixed essential cryoglobulinaemia, 305
IgG2
deficiency of, in a blood donor, 600
IgM rheumatoid factor
effect of, on immune complex deposition, 285
Immune complex disease
inhibition of immune precipitation in, 292
Immune complexes
correlation of, to antibodies and disease activity in rheumatoid arthritis, 278
effect of, on mononuclear phagocytes, 69
formation of, in the mouse glomerulus, 285
identification of components of, 215, 225
inhibition of phagocytosis by, 83
Immune function
relationship with vitamin megadosage in the elderly, 647
Immune precipitation
complement-mediated inhibition of, 292
Immune response
regulation of, in models of autoimmune disorders, 558
Immunological memory
role of T cell retention in, 141
Immunological parameters
studied in multiple sclerosis, 197
Immunosuppression
depletion of helper lymphocytes in, 345
present in leishmaniasis, 207
Indomethacin
reduced sensitivity of immunoglobulin production to, in rheumatoid arthritis, 535
Inflammation
T lymphocyte subsets in, 430
Interdigitating cells
role of, in rheumatoid arthritis, 247
Interferon
acting as macrophage activating factor, 501
effect of, on lymphocyte response to mitogens, 369
Interleukins
impaired production of, in immunodeficiencies, 338

Leishmaniasis
immunosuppression in, 207
Leprosy
mycobacterial antigens in immune complexes from, 225
Leprosy
T cell subsets in, 421
Leucocytes
release of IgE by, 387
release of serotonin by, 185
Liver membrane autoantibodies
presence of, in chronic liver disease, 565
Lymphocyte proliferation
inhibition of, by histamine agonists, 178
Lymphocyte supernatants
enhancement of eosinophil function by, 525
Lymphocytes
depletion of helper forms in immunosuppression, 345
defect of T helper subset in hypogammaglobulinaemia, 470
effect of interferon on responses by, to mitogens, 369
idiotypic specificities of, in monoclonal gammopathies, 173
migration of, in malignant disease, 413
modification of subsets in motor end-plate disease, 475
subpopulations of, in Guillain-Barré syndrome, 448
Lymphoid cells
analysis of rosette forming subset, 479

Macrophages
changes in T-independent subset in malaria, 487
secretion of chondrocyte stimulating factor by, 494
Malaria
cold reactive lymphocytotoxic antibodies in, 232
T-independent macrophage changes in, 487
Malarial vaccination
failure of in mice with immune mothers, 157
Maternal IgG
induction of suppressor cells to malaria vaccine, 157
Measles
B cell activation in, 165
Melanoma
analysis of mononuclear cells in, 78
Metastatic cancer
decreased TCGF activity in, 511
Mice
strain variation in control of eosinophilia, 239
Monoclonal antibodies
treatment of T cell proliferation with, 133
Monoclonal gammopathies
lymphocyte specificities in, 173
Monocytes
enhancement of cytotoxicity by, 501
Monocytes
signals of activation in SLE, 255
synthesis of α_1-anti-trypsin by, 551
Mononuclear cells
analysis of, in melanoma, 78
Mononuclear phagocytes
function of, after immune complex administration, 69

Motor end-plate disease
modification of lymphocyte subsets in, 475
Multiple myeloma
IgA1 half molecules in, 395
Multiple sclerosis
immunological parameters in, 197

Natural killing
effect of simple sugars on, 517
impairment of, in Chediak-Higashi disease, 359
Nephritogenoside
as a contaminant of Heymann's antigen, 595
Nephropathy
IgA cross-reactivity in IgA forms of, 605
Neurophysiology
relation of, to clinical disease in myasthenia gravis, 543
Neutrophil chemotaxis
suppression of, by IgE soluble immune complexes, 407

Opsonization
impaired in chronic liver disease, 91
Ovarian tumours
antibodies to glycopeptides in, 401

PGE_2
secretion of, in Hodgkin's disease, 61
Pancreas
immunity to, in diabetes, 1
Phagocytosis
inhibition of, with immune complexes, 83
Phorbol myristic acetate
T colony formation modulation by, 375
Plasma cells
detection of α_2-PAG in, 631
Proliferative response
relation of, to clinical disease in myasthemic gravis, 543
Protein malnutrition
T helper cell deficiency in, 126

Rats
mononuclear phagocyte function in, 69
Renal autoantibodies
associated with autoimmunity and renal acidosis, 29
Rheumatoid arthritis
anti-keratin antibodies in, 17
correlation of disease activity, immune complexes and antibodies in, 278
reduced indomethacin effect on immunoglobulin production in, 535
role of interdigitating cells in, 247
stimulation of cathepsin B in, 103

Serotonin
release of, by leucocytes, 185
Simple sugars
effect of, on natural killing, 517
Sm antigen
separation of two species of, 8
Smoking
changes in serum IgD in, 624
Splenic lymphocytes
classification of, 333
Suppressor cells
activity of after surgery for cancer, 149
activity of, in Guillain-Barré syndrome, 448
induction of, by maternal IgG, after malaria vaccination, 157
Systemic lupus erythematosus
complement activation in, 317
Fc receptor function in, 261
immune complex component identification from, 215
signals of monocyte activation in, 255

TCGF
decreased activity in metastatic cancer, 511
T cell proliferation
treatment of with monoclonal antibodies, 133
T cell retention
role of, in immunological memory, 141
T cells
alterations in subsets of, after asbestos exposure, 110
subsets of, in leprosy lesions, 421
T colony formation
modulation of, by PMA, 375
Tetanus immunization
effect of, on rheumatoid factor precursor B lymphocytes, 299
T helper cells
deficiency of in protein malnutrition, 126
Thymocytes
low β-adrenergic receptor concentration on, 53
Tissue grafts
rejection of, in models of autoimmune disease, 325
T lymphocytes
reconstitution of, following bone marrow transplantation, 455
role of, in arthritis, 117
subsets of, in granulomatous inflammation, 430
Tolerance induction
resistance of $(NZB \times NZW)F_1$ mice to, 558
Tubular acidosis
associated with renal autoantibodies, 29

Varicella
B cell activation in, 165
Vitamins
megadosage of and immune function in the elderly, 647